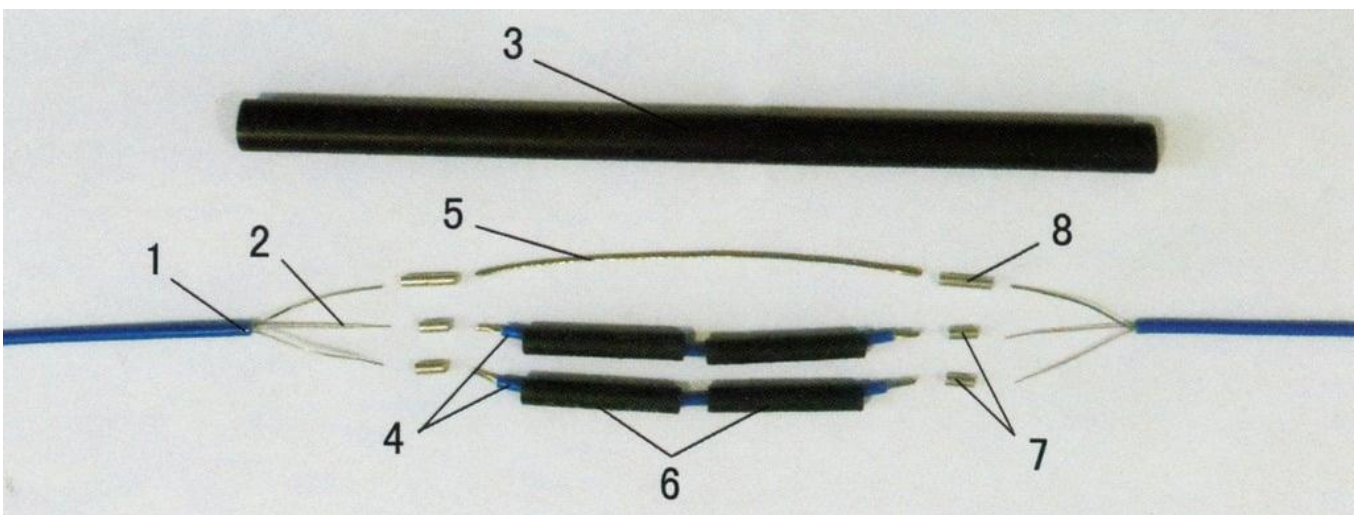


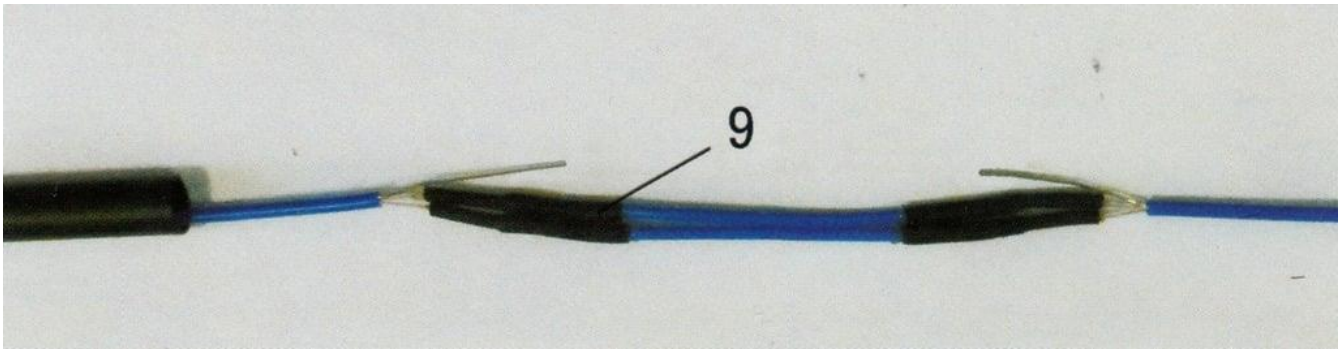
## Cable Repair Instructions (Twin Element Cable)

### Installation

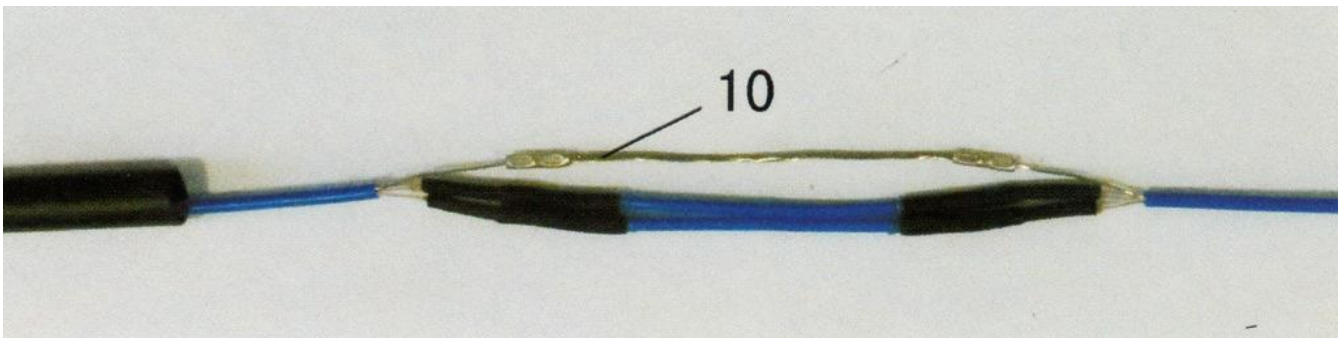
1. Remove the damaged section of heating cable then strip 38mm of the outer insulation from both sides of the cut heating wire ends.
2. Separate the two inner heating conductors and metal earth screen then remove 8mm of the heater conductor insulation.
3. Slide the large heat shrink onto one side of the heating cable / mat. Once repair is complete, this tube will seal the complete repair.
4. Remove 8mm of insulation from both sides of the 100 jumper cables.
5. Cut the earth jumper cable to size.
6. Slide on the small heat shrink sections onto the conductor jumper cables to create a seal once crimped.
7. Using a crimp tool and the smaller crimps, carefully connect the heating cables to the jumper wires.
8. Larger crimps for connecting earth cable.



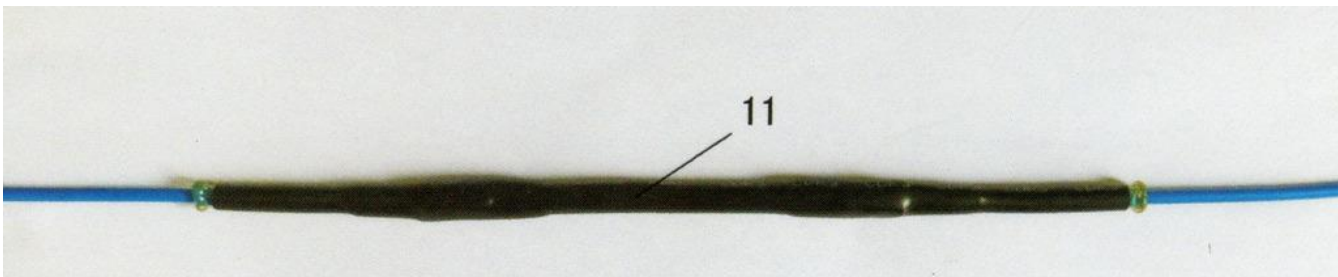
9. Centre the small heat-shrink tubes over the connectors and using a heat gun shrink into place.



**10.** Using a crimp tool, connect the earth jumper cable to the metal earth screen sections using the larger crimps



**11.** Centre the large heat shrink tube over the whole splice section and using a heat gun, shrink into place



### **Testing**

The heat mat / cable MUST then be tested. The heating cable resistance should be compared to the value within the instruction manual or on our website. Also test to Live & Earth and Neutral & Earth to make sure no cables are touching.

### **Electrical Considerations**

As with all electrical projects governed by Part P regulations, all mains electrical connections must be undertaken by a certified electrician.

### **Please Note**

If the two pieces of heating cable can be pulled together the jointing piece is not required, providing no heating cable is lost from its length.

If you need any further assistance, please contact us on 01937 534577.